

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CN2005/000377

## A. CLASSIFICATION OF SUBJECT MATTER

B25J19/02, G01B7/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

B25J19/00, 19/02-19/06, G01B7/00, 7/16, G01L1/00, 1/04, 1/14, H01L49/00 (INT.CL<sup>3</sup>) H01H9/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Chinese Invention 1985-2004, Chinese Utility Models 1985-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI EPODOC PAJ CNPAT: 传感器 开关 弹性 sensor switch elastic

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US,A,4525606(Ryoichi Sado) 25.June 1985 (25.06.85) see the whole document	1,2
X	US,B2,6530283(Wacoh Corporation Nitta Corporation) 11.Mar 2003 (11.03.03) see the whole document	1
X	WO,A1,02073147 (MORIMOTO HIDEO (JP); NITTA CORP (JP) 19.Sep 2002 (19.09.02) see the whole document	1
A	CN,C,1057246(the intellectual machine institute in Heifei, China) 11.Oct 2000 (11.10.00) see the whole document	1
A	CN,U,2107016(the State Jiangbei machinery factory in China) 10.June 1992(10.06.92) see the whole document	1

### \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

Date of the actual completion of the international search  
26.April 2005 (26.04.05)

Date of mailing of the international search report  
11 · MAY 2005 (11 · 05 · 2005)

Name and mailing address of the ISA/CN  
The State Intellectual Property Office, the P.R.China  
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100088  
Facsimile No. 86-10-62019451

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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/CN2005/000377

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
US,A,4525606	1985-06-25	NONE	
US,B2,6530283	2003-03-11	US,A,2001003326	2001-06-14
		EP,A,1109182	2001-06-20
		JP,A,2001165790	2001-06-22
		EP20000127162	2000-12-12
WO,A1,02073147	2002-09-19	JP,A,2002268817	2002-09-20
		EP,A,1378736	2004-01-07
		US,A,2004080216	2004-04-29
CN,C,1057246	1996-10-11	NONE	
CN,U,2107016	1992-06-10	NONE	

国际检索报告		国际申请号 PCT/CN2005/000377
A. 主题的分类		
B25J19/02, G01B7/16		
按照国际专利分类表(IPC)或者同时按照国家分类和 IPC 两种分类		
B. 检索领域		
检索的最低限度文献(标明分类系统和分类号)		
B25J19/00,19/02-19/06,G01B7/00,7/16,G01L1/00,1/04,1/14,H01L49/00 (INT.CL <sup>3</sup> )H01H9/00		
包含在检索领域中的除最低限度文献以外的检索文献		
中国专利发明申请的公开文本和实用新型的审定公告,从 1985 年开始		
在国际检索时查阅的电子数据库(数据库的名称, 和使用的检索词(如使用))		
WPI EPODOC PAJ CNPAT: 传感器 开关 弹性 sensor switch elastic		
C. 相关文件		
类 型*	引用文件, 必要时, 指明相关段落	相关的权利要求
X	US,A,4525606(Ryoichi Sado) 25.6 月 1985 (25.06.85) 参见全文及附图	1,2
X	US,B2,6530283(Wacoh Corporation Nitta Corporation) 11.3 月 2003 (11.03.03) 参见全文	1
X	WO,A1,02073147 (MORIMOTO HIDEO (JP); NITTA CORP (JP) 19.9 月 2002 (19.09.02) 参见全文	1
A	CN,C,1057246(中国科学院合肥智能机械研究所)11.10 月 2000(11.10.00) 参见全文	1
A	CN,U,2107016 (国营江北机械厂) 10.6 月 1992(10.06.92) 参见全文	1
<input type="checkbox"/> 其余文件在 C 栏的续页中列出。 <input checked="" type="checkbox"/> 见同族专利附件。		
* 引用文件的具体类型: "A" 认为不特别相关的表示了现有技术一般状态的文件 "E" 在国际申请日的当天或之后公布的在先申请或专利 "L" 可能对优先权要求构成怀疑的文件, 或为确定另一篇引用文件的公布日而引用的或者因其他特殊理由而引用的文件 "O" 涉及口头公开、使用、展览或其他方式公开的文件 "P" 公布日先于国际申请日但迟于所要求的优先权日的文件		"T" 在申请日或优先权日之后公布, 与申请不相抵触, 但为了理解发明之理论或原理的在后文件 "X" 特别相关的文件, 单独考虑该文件, 认定要求保护的发明不是新颖的或不具有创造性 "Y" 特别相关的文件, 当该文件与另一篇或者多篇该类文件结合并且这种结合对于本领域技术人员为显而易见时, 要求保护的发明不具有创造性 "&" 同族专利的文件
国际检索实际完成的日期 26.4 月 2005 (26.04.05)		国际检索报告邮寄日期 11 · 5月 2005 (11 · 05 · 2005)
中华人民共和国国家知识产权局(ISA/CN) 中国北京市海淀区蓟门桥西土城路 6 号 100088 传真号: (86-10)62019451		授权官员 赵培训 电话号码: (86-10)62085458

国际检索报告  
关于同族专利的信息

国际申请号  
PCT/CN2005/000377

检索报告中引用的 专利文件	公布日期	同族专利	公布日期
US,A,4525606	1985-06-25	无	
US,B2,6530283	2003-03-11	US,A,2001003326	2001-06-14
		EP,A,1109182	2001-06-20
		JP,A,2001165790	2001-06-22
		EP20000127162	2000-12-12
WO,A1,02073147	2002-09-19	JP,A,2002268817	2002-09-20
		EP,A,1378736	2004-01-07
		US,A,2004080216	2004-04-29
CN,C,1057246	1996-10-11	无	
CN,U,2107016	1992-06-10	无	